

Please type a plus sign (+) inside this box → [+]

UTILITY PATENT APPLICATION TRANSMITTAL <small>(only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No.	A-I-TECH-16	Total Pages	52
		First Named Inventor or Application Identifier			
		CHUNG, KEVIN			
		Express Mail Label No.	EL261099211US	Date Mailed May 25, 2000	
APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>			ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231		
1. [X]	Fee Transmittal Form (Submit an original, and a duplicate for fee processing)	6. []	Microfiche Computer Program (Appendix)		
2. [X]	Specification (Total Pages [46]) - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R&D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	7.	Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)		
		a. []	Computer Readable Copy		
		b. []	Paper Copy (identical to computer copy)		
		c. []	Statement verifying identity of above copies		
3. [X]	Drawing(s) (35 USC 113) (Total Sheets (5))	ACCOMPANYING APPLICATION PARTS			
4. [X]	Oath or Declaration (Total Pages (1)) a. [X] Newly executed (original or copy) b. [] Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) [Note Box 5 Below] i. [] DELETION OF INVENTOR(S) Signed Statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	8. [X]	Assignment Papers (cover sheet & document(s))		
		9. []	37 CFR 3.73(b) Statement (when there is an assignee) [] Power of Attorney		
		10. []	English Translation Document (if applicable)		
		11. []	Information Disclosure Statement (IDS)/PTO-1449 [] Copies of IDS Citations		
		12. []	Preliminary Amendment		
		13. [X]	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)		
		14. [X]	Small Entity Statement(s) [] Statement Filed in prior application, Status still proper and desired		
		15. []	Certified Copy of Priority Document(s) (if foreign priority is claimed)		
		16. []	Other: _____		
5. []	Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.				
17. a. If a CONTINUING APPLICATION, check appropriate box and supply requisite information. [] Continuation [] Divisional [X] Continuation-in-part (CIP) of the following application(s), each of which is hereby incorporated herein by reference: 09/412,052 October 4, 1999 09/524,148 March 14, 2000					
b. Priority Applications In addition to any applications listed in 17a, the present application also claims priority to the following application(s), each of which is hereby incorporated herein by reference. 60/136,917 June 1, 1999 60/141,344 June 28, 1999 60/150,437 August 24, 1999 60/150,869 August 26, 1999 60/180,907 February 8, 2000					
18. CORRESPONDENCE ADDRESS					
[X] Customer Number 000110 or DANN, DORFMAN, HERRELL AND SKILLMAN, P.C. 1601 Market Street, Suite 720 Philadelphia, PA 19103-2307 Phone (215) 563-4100 Facsimile (215) 563-4044 to the attention of the individual identified below.					
Clement A. Berard PTO Registration No. 29,613					

FEE TRANSMITTAL

Complete if known

Application Number (not assigned yet)

Filing Date (concurrently herewith)

First Named Inventor CHUNG, KEVIN

Group Art Unit (not assigned yet)

Examiner Name (not assigned yet)

TOT. AMT. OF PAYMENT: (1)+(2)+(3) = \$ 741.00

Attorney Docket Number A-I-TECH-16A

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to:

- ☐ Charge indicated fees
☒ Charge additional fees
☒ Credit overpayments

to the account of DANN, DORFMAN, HERRELL AND SKILLMAN

Deposit Account Number 04-1406

2. Payment enclosed:

Checks in the amount of \$ 741.00

Check Nos. _____

FEE CALCULATION

1. FILING FEE

Fee Description

Fee Paid

Utility filing fee	_____	345.00
Design filing fee	_____	
Plant filing fee	_____	
Reissue filing fee	_____	
Provisional filing fee	_____	

SUBTOTAL (1) \$ 345.00

2. CLAIMS

	Extra	Fee	Fee Paid
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Total Claims Presented $\frac{51}{(a)} - \frac{20}{(a)} = 31 \times 9.00 = 279.00$

Independent Claims Presented $\frac{6}{(b)} - \frac{3}{(b)} = 3 \times 39.00 = 117.00$

Multiple Dependent Claim (first presentation) _____ = _____

(a) Enter 20 or number previously paid for

(b) Enter 3 or number previously paid for

SUBTOTAL (2) \$ 396.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Description

Fee Paid

Surcharge-late filing fee or oath	_____
Surcharge - late provisional filing fee or cover sheet	_____
Non-English specification	_____
For filing a request for reexamination	_____
Requesting publication of SIR prior to Examiner action	_____
Requesting publication of SIR after Examiner action	_____
Extension for response within first month	_____
Extension for response within second month	_____
Extension for response within third month	_____
Extension for response within fourth month	_____
Notice of Appeal	_____
Filing a brief in support of an appeal	_____
Request for oral hearing	_____
Petition to institute a public use proceeding	_____
Petition to revive unavoidably abandoned application	_____
Petition to revive unintentionally abandoned application	_____
Issue fee	_____
Petitions to the Commissioner	_____
Petitions related to provisional applications	_____
Submission of Information Disclosure Stmt.	_____
Recording each patent assignment per property (times number of properties)	_____
Filing a submission after final rejection (37 CFR 1.129(a))	_____
For each additional invention to be examined (37 CFR 1.129(b))	_____
Other fee (specify) Advance Order (10 copies)	_____
Other fee (specify)	_____

SUBTOTAL (3) \$ _____

Submitted By:

Typed or

Printed Name CLEMENT A. BERARD

Reg. Number 29,613

Signature

Date May 25, 2000

Deposit Account User ID

04-1406

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL
for FY 1999Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.**TOTAL AMOUNT OF PAYMENT** (\$)**840.00****Complete if Known**

Application Number	
Filing Date	
First Named Inventor	Craig Iwami
Examiner Name	
Group / Art Unit	
Attorney Docket No.	PD-R98004

METHOD OF PAYMENT (check one)

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number	50-0616
Deposit Account Name	RAYTHEON COMPANY

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- 2.
- ☐
- Payment Enclosed:**

☐ Check ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 760	201 380	Utility filing fee	101
106 310	206 155	Design filing fee	
107 480	207 240	Plant filing fee	
108 760	208 380	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$)**760.00****2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
11	-20** = 0		
1	-3** = 0		
Multiple Dependent			

**or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 78	202 39	Independent claims in excess of 3
104 260	204 130	Multiple dependent claim, if not paid
109 78	209 39	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)**760.00****FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet.	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 380	216 190	Extension for reply within second month	
117 870	217 435	Extension for reply within third month	
118 1,360	218 680	Extension for reply within fourth month	
128 1,850	228 925	Extension for reply within fifth month	
119 300	219 150	Notice of Appeal	
120 300	220 150	Filing a brief in support of an appeal	
121 260	221 130	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,210	241 605	Petition to revive - unintentional	
142 1,210	242 605	Utility issue fee (or reissue)	
143 430	243 215	Design issue fee	
144 580	244 290	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 240	126 240	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	581
146 760	246 380	Filing a submission after final rejection (37 CFR 1.129(a))	
149 760	249 380	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify) _____			
Other fee (specify) _____			

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**840.00****SUBMITTED BY**Typed or Printed Name **Leonard A. Alkov**Signature *Leonard A. Alkov*

Date

05-12-00

Complete (if applicable)

Reg. Number

30,021

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

06/02/2000 NVILLARI 00000016 09578583

01 FC:201	345.00 OP
02 FC:202	117.00 OP
03 FC:203	279.00 OP

PTO-1556
(5/87)